

A BILL FOR AN ORDINANCE

RELATING TO STREET LIGHTING.

BE IT ORDAINED by the People of the City and County of Honolulu:

SECTION 1. The purpose of this ordinance is to amend the requirements for city or city-approved street lighting fixtures to minimize light pollution and glare.

SECTION 2. Chapter 2, Revised Ordinances of Honolulu 1990, as amended, is amended by adding a new article to be appropriately designated by the revisor of ordinances and to read as follows:

"Article ____ . Light Pollution

Sec. 2-___.1 Definitions.

As used in this article, unless context otherwise requires:

"Full-cutoff" means the street lighting fixture is constructed so that all of the light emitted by the fixture is projected below the horizontal plane of the lowest point of the fixture.

"Semi-cutoff" means the street lighting fixture is constructed so that at least ninety percent of the light emitted by the fixture is projected below the horizontal plane of the lowest point of the fixture.

"Street lighting fixture" means an outdoor artificial lighting device, fixture, lamp, or other similar device that is intended to provide illumination for visibility on city or city-approved streets and roadways.

Sec. 2-___.2 Street lighting to minimize light pollution.

All new and replacement municipal street lighting fixtures installed by the department of design and construction or department of facility maintenance from July 1, 2013, shall be full-cutoff or semi-cutoff lighting fixtures. This subsection shall not apply to any street lighting fixture that is existing and legally installed, or planned and approved prior to July 1, 2013; provided that any street lighting fixture exempt under this subsection that subsequently becomes inoperable shall be replaced with a full-cutoff or semi-cutoff street lighting fixture that provides illumination and uniformity equal to or better than the recommendations of the Illuminating Engineering Society of North America; provided further that if the appropriate fixture for the existing light pole spacing



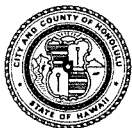
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is not available, a non-complying fixture that meets the illumination and uniform design criteria of the Illuminating Engineering Society of North America shall be allowed."

SECTION 3. Section 22-2.3, Revised Ordinances of Honolulu 1990 ("Installation and energizing of street lighting system"), is amended by amending subsection (a) to read as follows:

"(a) Street lights, together with the related apparatus and appliances, shall be installed in accordance with the standard specifications of the department, which incorporate and supplement the standard specifications of the Illuminating Engineering Society of America on file in the department. Street lighting fixtures shall further meet the energy efficiency standards provided in Section 2-12.2 and light pollution standards provided in Section 2- .2."

SECTION 4. New material is underscored. When revising, compiling or printing this ordinance for inclusion in the Revised Ordinances of Honolulu, the revisor of ordinances need not include the underscoring.



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SECTION 5. This ordinance shall take effect upon approval.

INTRODUCED BY:


Ikaika Anderson (BR)

DATE OF INTRODUCTION:

October 25, 2012
Honolulu, Hawaii

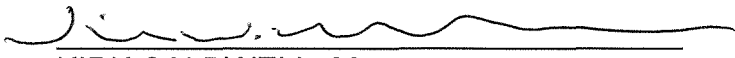
Councilmembers

APPROVED AS TO FORM AND LEGALITY:



Deputy Corporation Counsel

APPROVED this 8th day of April, 20 13.



KIRK CALDWELL, Mayor
City and County of Honolulu

CITY COUNCIL
CITY AND COUNTY OF HONOLULU
HONOLULU, HAWAII
CERTIFICATE

ORDINANCE 13-4

BILL 71 (2012), CD2, FD1

Introduced: 10/25/12 By: IKAIKA ANDERSON

Committee: PUBLIC WORKS AND
SUSTAINABILITY

Title: A BILL FOR AN ORDINANCE RELATING TO STREET LIGHTING.

Links: [BILL 71 \(2012\)](#)
[BILL 71 \(2012\), CD1](#)
[BILL 71 \(2012\), CD2](#)
[BILL 71 \(2012\), CD2, FD1](#)
[CR-400](#)
[CR-60 \(2013\)](#)

Voting Legend: Y= Aye, Y* = Aye w/Reservations, N = No, A = Absent, ABN = Abstain

NOTE: EFFECTIVE NOVEMBER 1, 2012, COUNCILMEMBER ROMY M. CACHOLA, REPRESENTING COUNCIL DISTRICT VII, RESIGNED FROM OFFICE. (Refer to Communication [CC-298](#))

ON NOVEMBER 14, 2012, THE APPOINTMENT OF JOEY MANAHAN WAS APPROVED (Refer to [RES12-299](#)) AND HE WAS SWORN INTO OFFICE AS A MEMBER OF THE HONOLULU CITY COUNCIL REPRESENTING DISTRICT VII TO FILL THE REMAINING TERM OF FORMER COUNCILMEMBER ROMY M. CACHOLA.

COUNCIL	11/14/12	BILL PASSED FIRST READING WAS REFERRED TO COMMITTEE ON PUBLIC WORKS AND SUSTAINABILITY.
ANDERSON	Y	BERG Y CHANG Y GARCIA Y HARIMOTO Y
KOBAYASHI	Y	MANAHAN Y MARTIN Y

NOTE: COUNCILMEMBER FUKUNAGA TOOK OFFICE ON TUESDAY, NOVEMBER 27, 2012 FILLING THE VACANCY FOR DISTRICT VI.

PUBLISH	11/24/12	PUBLIC HEARING NOTICE PUBLISHED IN THE HONOLULU STAR-ADVERTISER.
PUBLIC WORKS AND SUSTAINABILITY	11/28/12	CR-400 – BILL REPORTED OUT OF COMMITTEE FOR PASSAGE ON SECOND READING AS AMENDED IN CD1 FORM AND SCHEDULING OF A PUBLIC HEARING.
COUNCIL/PUBLIC HEARING	12/05/12	CR-400 ADOPTED. BILL PASSED SECOND READING AS AMENDED, PUBLIC HEARING CLOSED AND REFERRED TO COMMITTEE ON PUBLIC WORKS AND SUSTAINABILITY.
ANDERSON	Y	BERG Y CHANG Y FUKUNAGA Y GARCIA Y
HARIMOTO	Y	KOBAYASHI Y MANAHAN Y MARTIN Y

PUBLISH	12/12/12	SECOND READING NOTICE PUBLISHED IN THE HONOLULU STAR –ADVERTISER
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NOTE: COUNCILMEMBERS MANAHAN, MENOR AND PINE TOOK OFFICE ON WEDNESDAY, JANUARY 2, 2013

PUBLIC WORKS 02/13/13 BILL DEFERRED IN COMMITTEE.
AND
SUSTAINABILITY

PUBLIC WORKS 02/27/13 CR-60(13) - BILL REPORTED OUT OF COMMITTEE FOR PASSAGE ON THIRD
AND READING AS AMENDED IN CD2 FORM.
SUSTAINABILITY

COUNCIL 03/20/13 BILL AMENDED TO CD2, FD1.

ANDERSON Y CHANG Y FUKUNAGA Y HARIMOTO Y KOBAYASHI Y

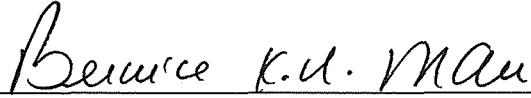
MANAHAN Y MARTIN Y MENOR Y PINE Y

CR-60(13) ADOPTED AND BILL 71 (2012), CD2, FD1 PASSED THIRD READING.

ANDERSON Y CHANG Y FUKUNAGA Y HARIMOTO Y KOBAYASHI Y

MANAHAN Y MARTIN Y MENOR Y PINE Y

I hereby certify that the above is a true record of action by the Council of the City and County of Honolulu on this BILL.



BERNICE K. N. MAU, CITY CLERK


ERNEST Y. MARTIN, CHAIR AND PRESIDING OFFICER